

#4

1/15

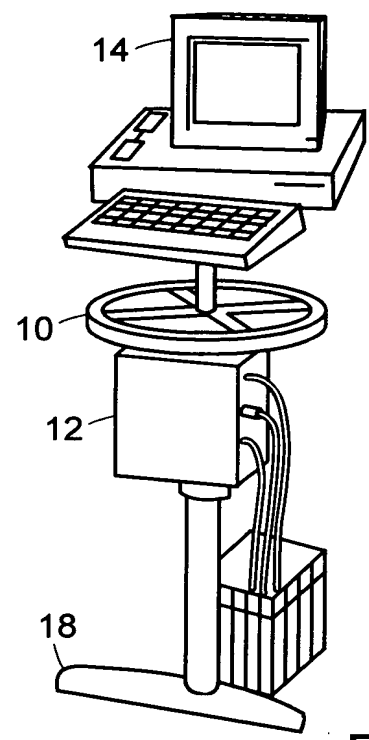


FIG. 1A

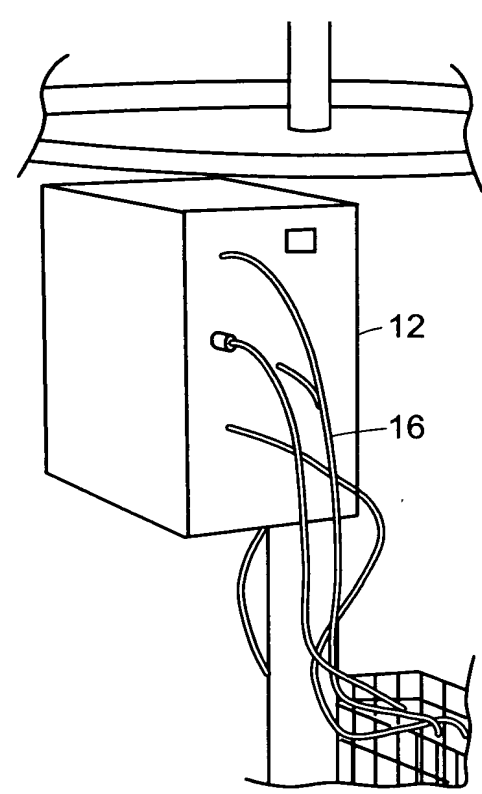


FIG. 1B

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2/15

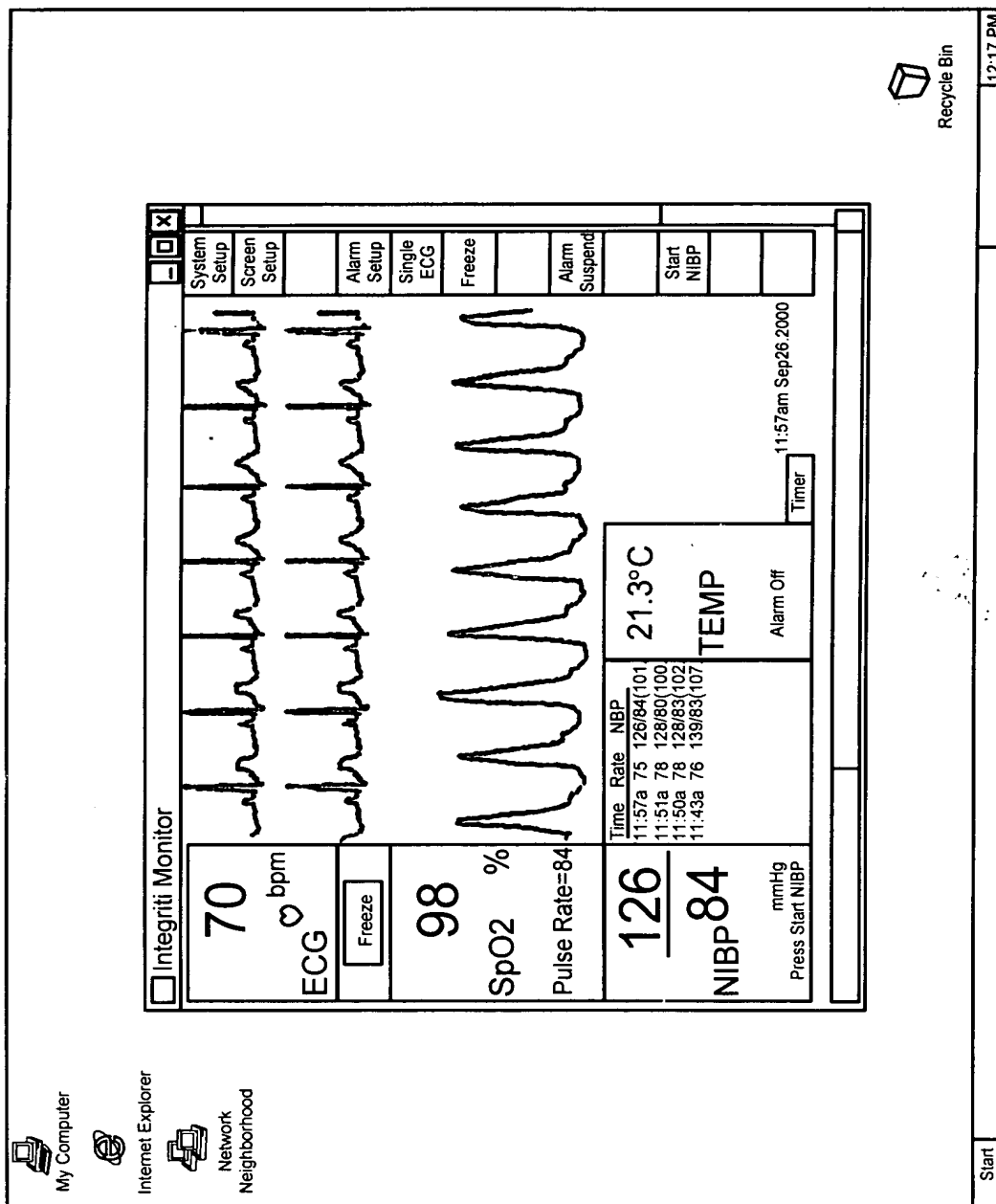


FIG. 2



APPROVED	O.G. FIG.	
BY	CLASS	SUBCL.
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3/15

System	ECG	SpO2	NIBP	TEMP
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Controls for System Setup

Current Profile

*\*Factory\**

Alarm Suspend Time 180 seconds

Alarm Volume High

Tone Volume 6

Heart Rate Source AUTO

Monitor Status

Profiles

Color...

Cancel

Save

System Setup Control Popup

FIG. 3A



205080-16455001

4/15

System	ECG	SpO2	NIBP	TEMP
Controls for System Setup				
Current Profile				Monitor Status
*Factory*				Profiles
Alarm Suspend Time	180	▼	seconds	
Alarm Volume	180			
Tone Volume	150			
Heart Rate Source	120			
	90			Color...
	60			
	30			
				Cancel
				Save

Alarm Suspend Pull Down Has Been Clicked On

FIG. 3B



10055791-080502 205080-1625501

Controls for Screen Setup

	ECG		
	SpO2		
NIBP		TEMP	
		Reserved Area	
Add	Delete	Color	Size
			Profiles
			Cancel
			Save

Screen format Control Panel

FIG. 4A

Controls for Screen Setup

	ECG		
	SpO2		
NIBP		TEMP	
		Reserved Area	
Add	Delete	Color	Size
			Profiles
			Cancel
			Save

User Has Clicked on ECG

FIG. 4B



205080" T625500F

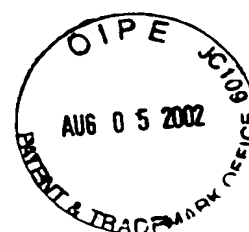
APPROVED	O.G. FIG.	
BY	CLASS	SUBCL
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6/15

Controls for Alarm Setup					
Parameter	Current Value	High Limit	Low Limit	Priority	
ECG	78	110	40	High	<input type="checkbox"/>
SpO2	98	OFF	85	High	<input type="checkbox"/>
NIBP				High	<input type="checkbox"/>
Sys	130	190	OFF		
Dias	85	110	OFF		
Mean	(110)	OFF	OFF		
TEMP	37.0	OFF	OFF	Medium	<input type="checkbox"/>
<input checked="" type="checkbox"/> Display Limits?					
					<div>Close</div>

Alarm Setup Control Panel

FIG. 5



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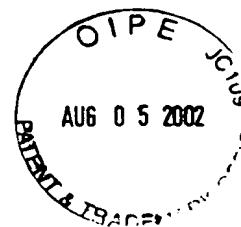
APPROVED	O.G. FIG.	
BY	CLASS	SUBCL.
CRAFTSMAN		

7/15

System	ECG	SpO2	NIBP	TEMP
Controls for ECG				
Alarm High	110	▼		
Alarm Low	40	▼		
Alarm Priority	High	▼		
Size	1	▼	mV/cm	
Lead Select	II	▼		
Filter	60Hz	▼		
Sweep Speed	25	▼	mm/sec	
<input type="checkbox"/> Patient Paced				Color...
<input checked="" type="checkbox"/> QRS Tone	<input type="checkbox"/> Record On Alarm			Cancel
<input type="checkbox"/> Display Units				
<input checked="" type="checkbox"/> Cascade ECG				Save

ECG Popup Control Panel

FIG. 6A



20580 T62500T 10055791.080502

**FIG. 6B**





DESIGNED BY	O.G. FIG.	CLASS	SUBCL.
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9/15

System	ECG	SpO2	NIBP	TEMP
<b>Controls for Pulse Oximetry</b>				
Alarm High		OFF		
Alarm Low		85		
Alarm Priority		High		
Average over		2		seconds
Sweep Speed		25		mm/sec
<input checked="" type="checkbox"/> Display Pulse Rate <input type="checkbox"/> Display Pulse Bar <input type="checkbox"/> Display Units				
<div>Color...</div> <div>Cancel</div> <div>Save</div>				

Control Popup for SpO<sub>2</sub>

FIG. 7



205030-T6/5500T

10/15

System	ECG	SpO2	NIBP	TEMP
<b>Controls for Noninvasive Blood Pressure</b>				
<b>Alarm Limits</b>		<b>High</b>	<b>Low</b>	
Systolic	190		OFF	
Diastolic	110		OFF	
Mean	OFF		OFF	
Alarm Priority	High			
Displayed Values	SDM			
Auto Mode	OFF			
1st Inflation	160			
<input checked="" type="checkbox"/> Display Units <input checked="" type="checkbox"/> Completion Tone				Stat NIBPs for 5 Minutes  Color...  Cancel  Save

Control Popup for NIBP

FIG. 8



10055791.080502 205080" T6/5500T

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11/15

System	ECG	SpO2	NIBP	TEMP
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Controls for Temperature

Alarm High OFF

Alarm Low OFF

Alarm Priority Medium

Units Celsius

☐ Display Units

Color...

Cancel

Save

Temperature Control Panel Popup

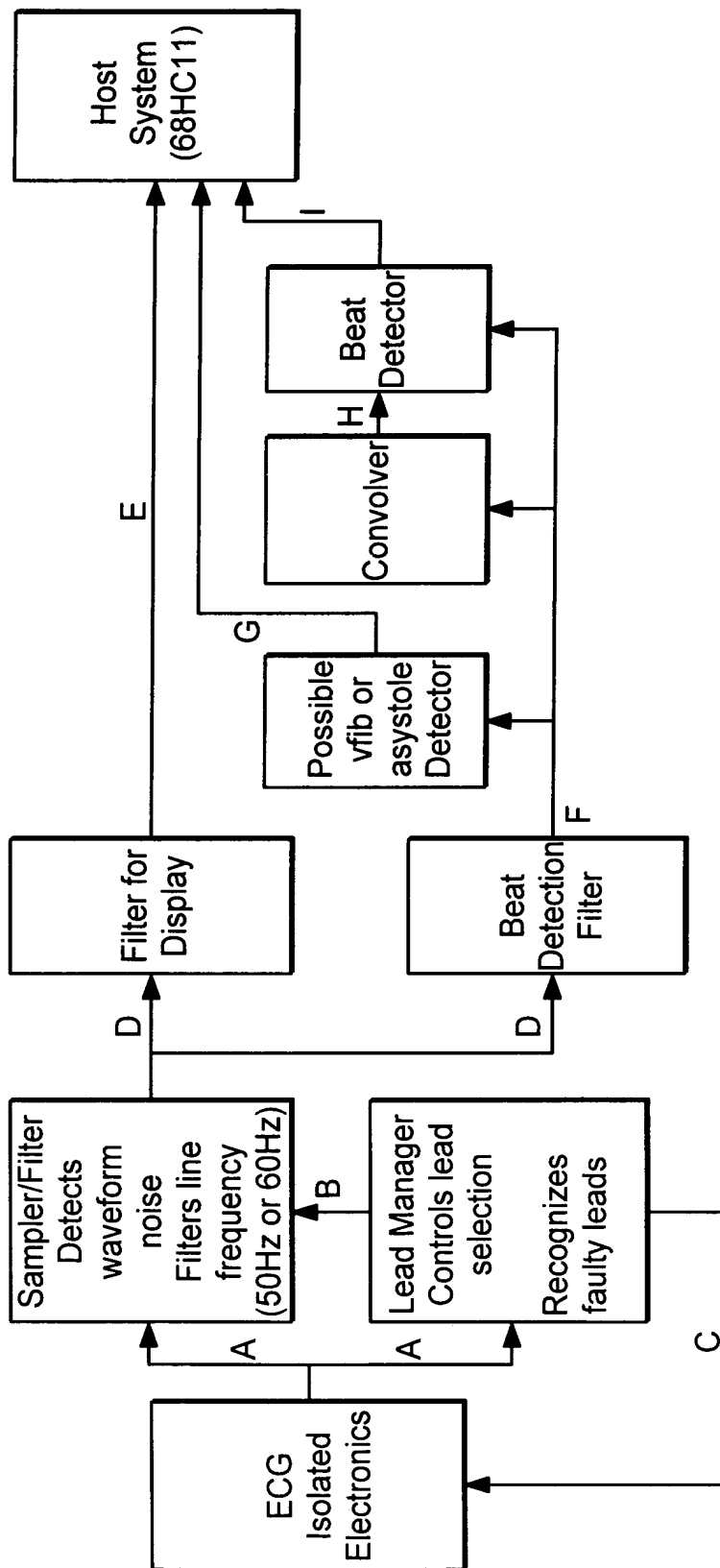
FIG. 9



205080-16/5500T



# ECG Processing Flow



- A - Raw ECG Data from A/D Converter
- B - Lead Selection Information
- C - Lead Selection Control Lines
- D - Valid ECG Data
- E - ECG Waveform Display Data
- F - Filtered ECG Data for Beat Detection
- G - ECG HR is 0(possible asystole or vfib)
- H - Beat Detection Signal with QRS information
- I - ECG HR Value

FIG. 11



14/15

SMS Patient Data Transfer
X

Temperature °F	98.6	Resp Rate (0-50)rpm	▼
Pulse Rate(bpm)	78	Height (0-84)in	▼
O2 Sat (%)	98	Weight (0-300)lbs	▼
Systolic BP (mmHg)	130	Pain Scale (0-10)	▼
Diastolic BP	85	Violence Scale (0-60)	▼

Store Patient Vitals

Refresh Values

Cancel

FIG. 12



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